

Window and Door Technology



Roto Patio Inowa

Smart hardware for tightly sealed sliding systems

Brochure



Smart sliding

Greater comfort with opening, sliding and closing



Developed for smooth and easy handling

Roto Patio Inowa is synonymous with smart sliding. The sashes can be moved really easily thanks to their fully roller-mounted construction method – without any annoying grinding noises. The locking is easy and requires a minimum amount of force thanks to the innovative mode of operation with high gasket compression.

Other benefits in terms of ease of operation:

- Convenient opening even with heavy sashes thanks to the easy operation of the handle
- Easy closing thanks to the gentle self-closing device in the sash frame
- Uniform closing movement with positive control through locking points controlled on all 4 sides

Comfort to meet customers' wishes

Roto Patio Inowa covers a wide range of customer wishes as well as special regional requirements and allows for individual sash configurations – with sash weights up to 120 kg.

Comfort in many versions

Roto Patio Inowa is suitable for sliding windows and doors with one or two movable sashes and different mounting versions. Other sash configurations are feasible with the

appropriate profile design. Smooth running rollers ensure quiet and low-friction movement of the sashes in all cases.



Tight seal

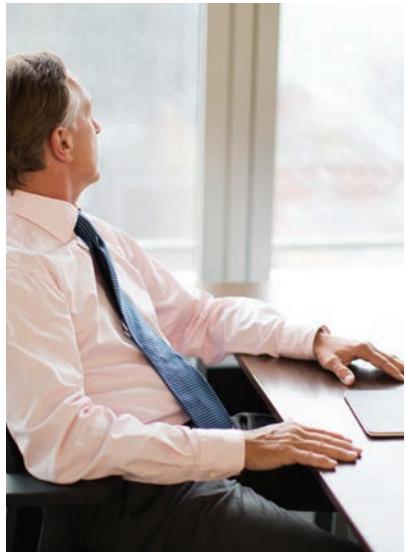
Remains tightly sealed even in stormy weather

Sliding windows and doors are all the trend worldwide. They bring light into living rooms or business premises, provide a smooth transition from indoor to outdoor areas and save space. Roto Patio Inowa, the smart hardware for tightly sealed sliding systems, now ensures a high degree of comfort. No other provides a better seal!

A storm outside and a feel-good climate indoors at all times

Roto Patio Inowa is setting new standards when it comes to window and door tightness and is therefore ideal for use in high-rise buildings where high wind loads occur. This hardware is guaranteed to remain tightly sealed even in thunderstorms where gusts of wind and torrential rain are hitting the glass and window frame directly. There is no trace of draughts or rattling sashes – thanks to this unique technology.





Noise outdoors and peace and tranquility indoors

The hardware provides a clear plus for living comfort because the technical innovations that prevent the ingress of air and rain provide protection – even effectively against outside noise – with the appropriate system design.

Roto Patio Inowa therefore offers all the requirements for sliding windows and doors that have to meet high sound reduction demands. Ideal for building projects close to roads or airports.

Effective tightness and individually expandable

All-round locking points ensure high uniform gasket compression even in the basic set. Additional locking points provide maximum tightness and even greater security. These can be positioned at any number of different positions – according to the different wind load to which the high-rise building, for example, is exposed.

Other technical features:

- Innovative closing movement perpendicular to the frame profile
- Continuous gasket all around
- Locking points in the mullion as well
- All locking points controlled by the handle

A useful added benefit: The tighter the door is sealed, the more effective the insulation and the lower the energy consumption. Roto Patio Inowa therefore actively contributes towards saving heating or cooling costs.

Tested quality for a permanently safe function

The new Roto hardware remains tightly sealed for a very long time. All components are designed for stability and durability. Roto Patio Inowa has successfully passed the Taifun test and meets the following requirements:

■ Tightness:

Air permeability class 4 (DIN EN 1026 / 12 207),
Water tightness class 9A (DIN EN 1027 / 12 208)



Smart Design

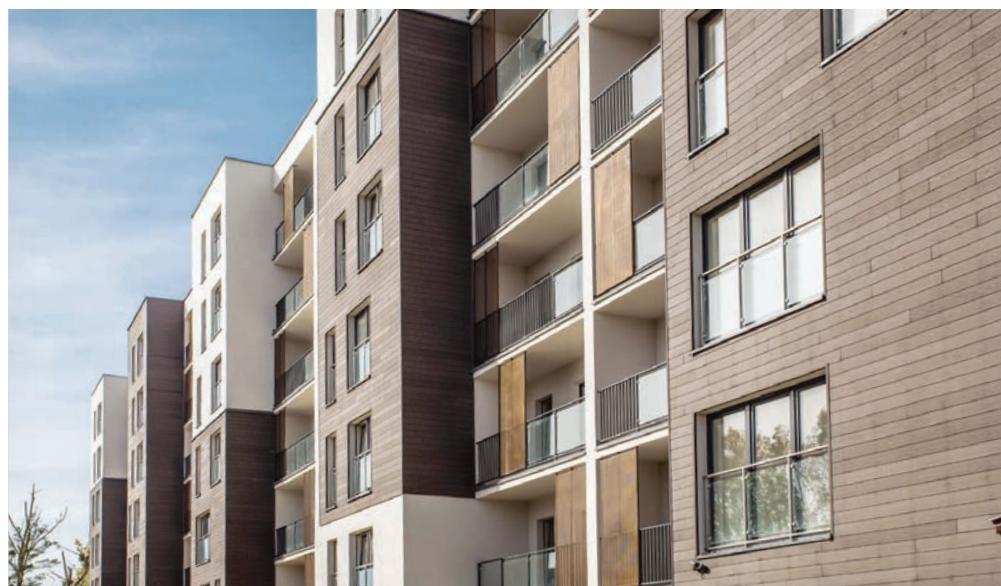
Perfect design with concealed technology



The hardware for aesthetic sliding systems

An attractive design plays an increasingly important role with sliding doors and windows. Roto Patio Inowa is therefore the right choice:

- The concealed technology allows the use of narrow, straight-line profiles in a modern design.
- The tried and tested Roto handle design rounds off the attractive look.



Popular with system producers and window fabricators

Quality, service and the option for an easy, quick and therefore economical installation – this is what system suppliers and window fabricators of modern hardware systems expect. Roto Patio Inowa is impressive across the board:

- Roto central locking system that has proven its worth millions of times over

Perfect with sash weights of up to 200 kg

The hardware system impresses here with its high standard of quality and service, is economically attractive and covers a broad applications spectrum:

- Sash widths of 600-1500 mm
- Sash heights of 1000-2500 mm



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From a single source: Optimum hardware systems to meet all challenges:

Roto Tilt&Turn | The Tilt&Turn hardware system for windows and balcony doors

Roto Sliding | Hardware systems for large sliding windows and doors

Roto Door | Matching hardware technology "everything about doors"

Roto Equipment | Additional technology for windows and doors